

LIMITED AUTHORIZATION TO ACT ON BEHALF OF ASSIGNEE
REGARDING CERTAIN PATENT MATTERS
EFFECTIVE THROUGH: December 31, 2002

I, Paul W. Sandman, as Senior Vice President, Secretary, and General Counsel of Boston Scientific Corporation, the controlling corporation of:

AMS Medinvent S.A.; Boston Scientific BV; Boston Scientific Corporation Northwest Technology Center, Inc.; Boston Scientific Ireland Limited; Boston Scientific Japan KK; Boston Scientific Limited; Boston Scientific Scimed, Inc. (formerly known as Schneider (USA), Inc.); Cardiovascular Innovations Canada, Inc.; Corvita Canada, Inc.; Corvita Corporation; Corvita Europe S.A.; EP Technologies, Inc.; Laboratoires Corvita S.A.R.L.; Meadox Medicals, Inc.; NAMIC Eireann Limited; NAMIC International, Inc.; Nilo Holding, S.A.; Schneider (Europe) GmbH; Schneider Belgium NV; Schneider Holland BV; Schneider Ireland BV; Schneider Puerto Rico (formerly known as NAMIC Caribe, Inc.); Schneider/NAMIC; Scimed Life Systems, Inc.; Symbiosis Corporation; Target Therapeutics, Inc.; Cardiac Pathways Corporation; Interventional Technologies, Inc.; Embolic Protection, Inc.; Quantum Corporation; Smart Therapeutics, Inc.; Radio Therapeutics Corporation; and Catheter Innovations Corp.;

hereby authorize the following registered patent attorneys/agents (1) to act on behalf of any of the corporations identified above, including Boston Scientific Corporation, with regard to any matters before the United States Patent and Trademark Office, any foreign patent offices, and any international patent entities, (2) to execute power of attorney documents on behalf of any of the corporations identified above, including Boston Scientific Corporation, to appoint and/or establish any attorneys, agents, and/or law firms to act on behalf of any of the corporations identified above, including Boston Scientific Corporation, in any foreign or international patent applications filed with any foreign and/or international patent offices, and (3) to execute assignment and ownership documents on behalf of any of the corporations identified above, including Boston Scientific Corporation, with regard to any matters before the United States Patent and Trademark Office, any foreign patent offices, and any international patent offices:

Scott T. Bluni	Reg. No. 40,916
Mark J. Casey	Reg. No. 37,796
James R. Chiapetta.....	Reg. No. 39,634
Luke R. Dohmen.....	Reg. No. 36,783
Peter J. Gafner	Reg. No. 36,517
Albert K. Kau	Reg. No. 40,672
Steven A. McAuley.....	Reg. No. 46,084
Todd P. Messal.....	Reg. No. 42,883
Robert M. Rauker.....	Reg. No. 40,782
William J. Shaw.....	Reg. No. 43,111


Paul W. Sandman

Senior Vice President, Secretary, and General Counsel

1/4/2002
Date

COMMONWEALTH OF MASSACHUSETTS)

COUNTY OF MIDDLESEX)

) ss.

On this 4th day of January, 2002 before me personally appeared Paul W. Sandman to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes set forth herein.


Notary Public

NONA E. HURD
NOTARY PUBLIC
My Commission Expires Oct. 4, 2002

[c:\limited\authorizations(1)]

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Alameda

} ss.

On

7/20/98

Date

, before me,

Jean Murrell, Notary Public

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

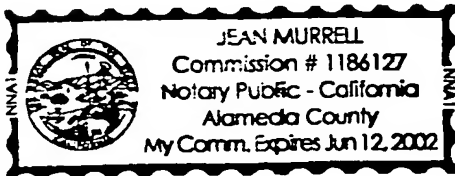
personally appeared

Lex P. Jensen

Name(s) of Signer(s)

☒ personally known to me

☐ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Place Notary Seal Above

Jean Murrell
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____

Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

☐ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Alameda

} ss.

On

7/28/98

Date

, before me,

Jean Murrell, Notary Public

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared

Thomas Yung-Hui Chien

Name(s) of Signer(s)

☒ personally known to me

☐ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.

Jean Murrell
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

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Document Date: _____

Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

☐ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

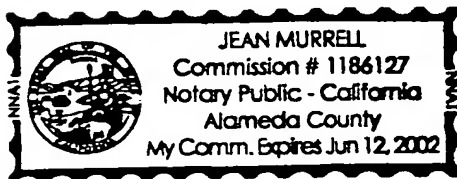
SS.

On 7/29/98, before me, Jean Murrell Notary Public,
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Perry Alvin Fukui, Jeffrey A. Sarge, Lawrence Charles Albert
Name(s) of Signer(s)

- ☒ personally known to me
☐ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) ~~is~~are subscribed to the within instrument and acknowledged to me that ~~he~~she/they executed the same in ~~his~~her/their authorized capacity(ies), and that by ~~his~~her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.

Jean Murrell
Signature of Notary Public

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Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

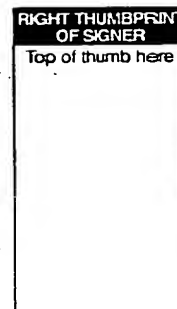
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____



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MORRISON & FOERSTER

DECEMBER 14, 1998

MORRISON & FOERSTER LLP
CINDY S. KAPLAN
755 PAGE MILL ROAD
PALO ALTO, CALIFORNIA 94304-1018



PTAS

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



100811138A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/31/1998

REEL/FRAME: 9416/0993
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

JANSEN, LEX P.

DOC DATE: 07/30/1998

ASSIGNOR:

CHIEN, THOMAS YUNG-HUI

DOC DATE: 07/28/1998

ASSIGNOR:

FUKUI, PERRY ALVIN

DOC DATE: 07/29/1998

ASSIGNOR:

SARGE, JEFFREY A.

DOC DATE: 07/29/1998

ASSIGNOR:

ALPERT, LAWRENCE CHARLES

DOC DATE: 07/29/1998

ASSIGNEE:

TARGET THERAPEUTICS, INC.
47201 LAKEVIEW BOULEVARD
FREMONT, CALIFORNIA 94537

9416/0993 PAGE 2

SERIAL NUMBER: 09096267
PATENT NUMBER:

FILING DATE: 06/11/1998
ISSUE DATE:

KIMBERLY WHITE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

09-04-1998

DEPARTMENT OF COMMERCE

R



ET

 Patent and Trademark Office
 Docket No. 290252022100

100811138

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

 1. Name of conveying party(ies):
 Lex P. Jansen; Thomas Yung-Hui Chien; Perry Alvin Fukui;
 Jeffrey A. Sarge; Lawrence Charles Alpert

- ☒ Individual(s) ☐ Association
☐ General Partnership ☐ Limited Partnership
☐ Corporation-State ☐ Other

 Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

 Name: Target Therapeutics, Inc.
 Internal Address: 47201 Lakeview Boulevard
 Street Address: 47201 Lakeview Boulevard
 City: Fremont, State: California, ZIP: 94537

 Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

 Execution Date: Jansen (7/30); Chien (7/28); Fukui (7/29); Sarge (7/29);
 Alpert (7/29)

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

 A. Patent Application No.(s)
 09/096,267

B. Patent No.(s)

 Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

 Cindy S. Kaplan
 Morrison & Foerster LLP
 755 Page Mill Road
 Palo Alto, California 94304-1018

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account, referencing Attorney Docket 290252022100

8. Deposit account number: 03-1952

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

 Name: Cindy S. Kaplan
 Registration No: 40,043

Signature

Date

Total number of pages comprising cover sheet, attachments and document: 8

 Mail documents to be recorded with required cover sheet information to:
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 Washington, D.C. 20231

pa-298379

 09/04/1998 JWH/KINS 00000001 05016267
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